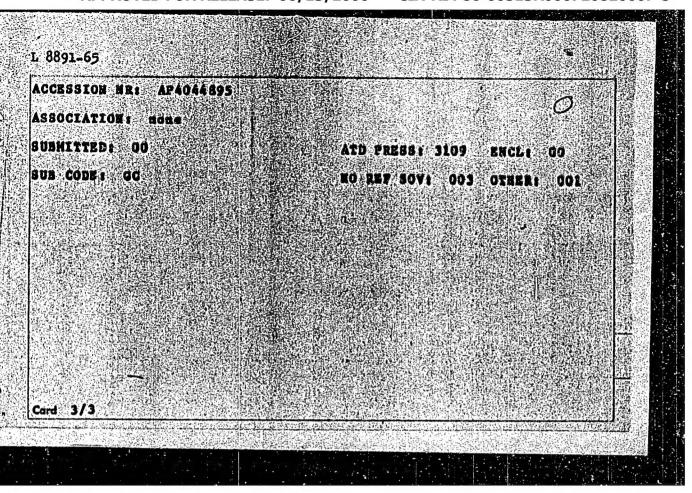
L 8891-65 ACCESSION NR: AP4044895 \bigcirc periments the source was enclosed in a chamber with nitrogen circulation, which is described. The nitrogen circulation eliminated molecular bands of SiO and SiO2, which decrease sensitivity of boron determination. Boron spectral line 2497.73 A was selected for photometric measurements, and intensity-time data were recorded graphically. The data indicated that 1) the only usable standards in a convential operation in the air are those containing boron in the form of boron carbide (the standards containing boron-oxygen compounds give results much too low), 2) a decrease in the thickness of the walls of the graphite electrode activates boron evaporation, and 3) operation in nitrogen atmosphere requires longer time of exposure, but this does not diminish its advantage if permanent cali-bration graphs are used. Permanent calibration graphs and nomographs were established for spectroscopic determination of boron in graphite silicon, and silicon carbide, and for spectrochemical determination in gilicon. Sensitivity of determination was 5 x 10 12 in graphice, 10 % in silicon and silicon carbide, and more than 10 % in boron concentrates from silicon, The use of control samples is nece Orig. art. hast 6 fleures. Card 2/3

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720820007-5



L 19625-65 EWG(j)/EWP(e)/EWT(m)/EPF(c)/EPR/EWP(t)/EWP(b) TUP(c)/AFWL/RAEM(a)/SSD(c)/ASD(a)-5/ABDC(b)/AFMD(c)/RAEM(c)/SSD/RAEM(1)/ RAEM(j)ESD(gs)/ESD(t) JD/WW/WH ACCESSION NR. AP5000157 S/0032/64/030/012/1459/1463 AUTHORS: [arpel', N. C.; Shaparova, V. V. TITLE: Permanent plot method for the spectral determination of impurities in gallium arsenide 2 SOURCE: Zavodskaya laboratorija, v. 30, no. 12, 1964, 1459-1463 TOPIC TAGS: spectroscopy, impurity content, gallium arsenide, spectrometry/ ISP 28 ABSTRACT: The method presented here makes use of a permanent graph for correcting spectral measurements without photographing the standard. The use of such a graph, constructed beforehend from a large number of parallel determinations, increases the reliability of the results. In this work, the synthetic standards are prepared from the material to be analyzed and graphite powder with specified quantities of the impurities in the form of oxides of the elements. The compositions of the specimens and of the standards are judged from the speed and the sequence of their arrival at the arc. The spectrum of the arc is photographed for each quantity. For further resolution, the film is measured in a photomicrometer. From the data obtained, the permanent plots (see Fig. 1 on the Enclosure) were established for Card 1/4

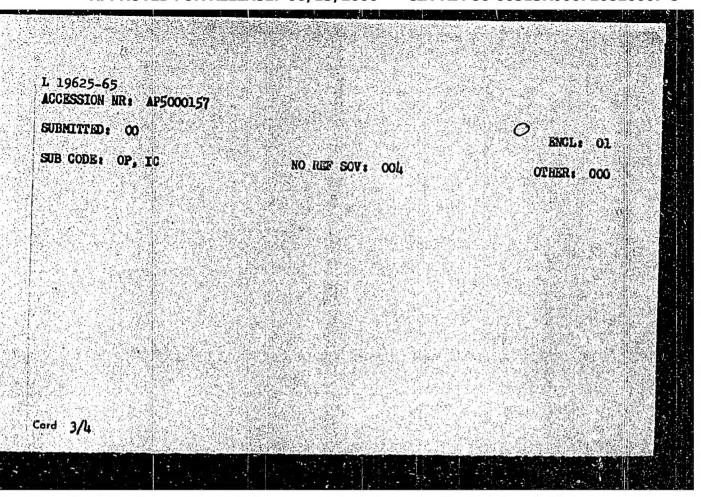
0

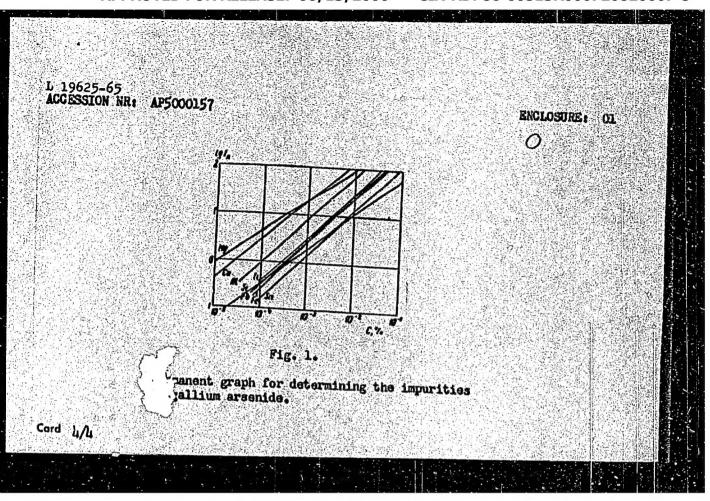
L 19625-65 ACCESSION NR: AP5000157

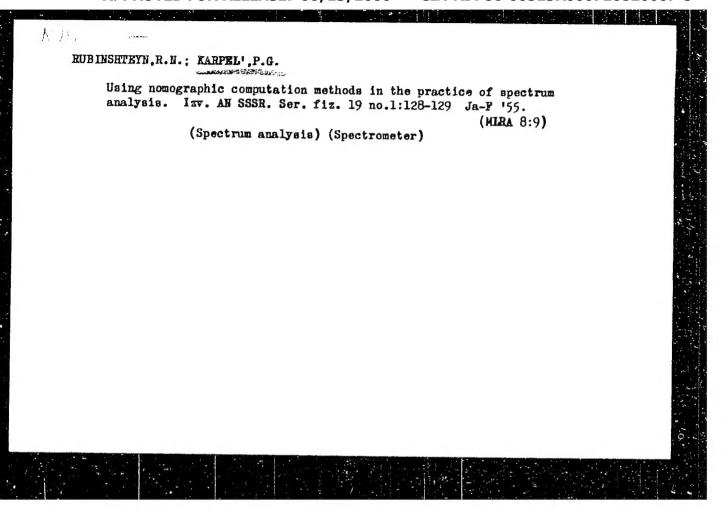
eight elements. A davice using a transparency was developed to facilitate the calculations. The necessary data is obtained by moving the transparency (with the previously imprinted theoretical curves combined with the experimental curves) in two perpendicular directions. Three gallium lines, I λ = 3058.7 Å, II λ = 2987.58 \hat{A}_{i} , and III λ = 3015.5 \hat{A}_{i} were used to make the plate corrections as follows: the plate contrast) was calculated from the ratio $\log I_{\rm I}/I_{\rm II}$ = 0.27 and from the difference of the darkening in the straight region of the characteristic curve; the variable q determining the nonlinearity of the characteristic curve was found from log I_{1}/I_{111} = 0.83. To transfer from the plate of the specimens to the reference plate of the permanent plot, the A = 2987.58 Å line of gallium was used as a "control line." With a constant arc current; exposure, and depth of the carbon electrode crater, the control line was used for making small changes in the focusing. Two momograms were constructed to facilitate the calculations. The details of a specimen analysis using the permanent plot method are described and the measurements are compared with those obtained by using the repeatedly photographed standard method. The impurity sensitivity of the new method was as follows: Ti, Pb, Sn, Fe, Al (10-lg; Si, Mg, Mn, Cu (1.10-%. Orig. art. has; 1 table

ASSOCIATION: none

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720820007-5







Use of synchronous motors in the petroleum refining industry and in petroleum chemistry. Prom. energ. 15 no.9:23-25 S '60.

(Petroleum industry-Electric equipment)

(Electric motors, Synchronous)

Start network of synchronous motors. Energetik 12 no.3:25-26
Mr '64. (MIRA 17:4)

PRASLICKA, M.: KARPEL, Z.; MRAZ, L.

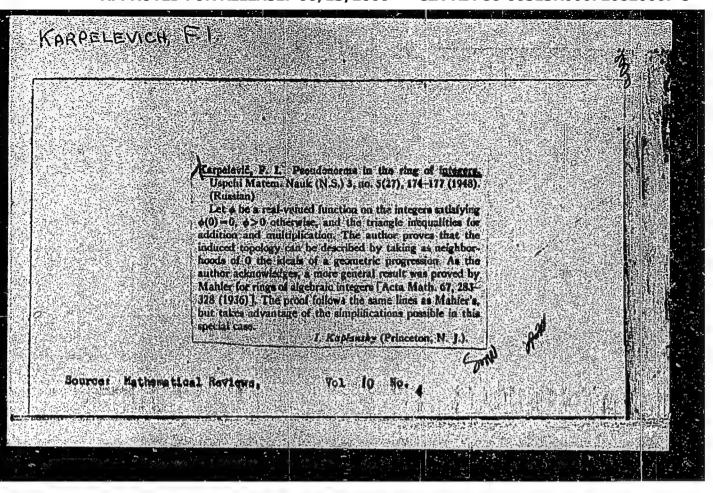
Effect of controlled hypothermia on survival and peripheral blood picture in mice and rats following irradiation. Cesk. fysiol. 7 no.3:284-285 May 58..

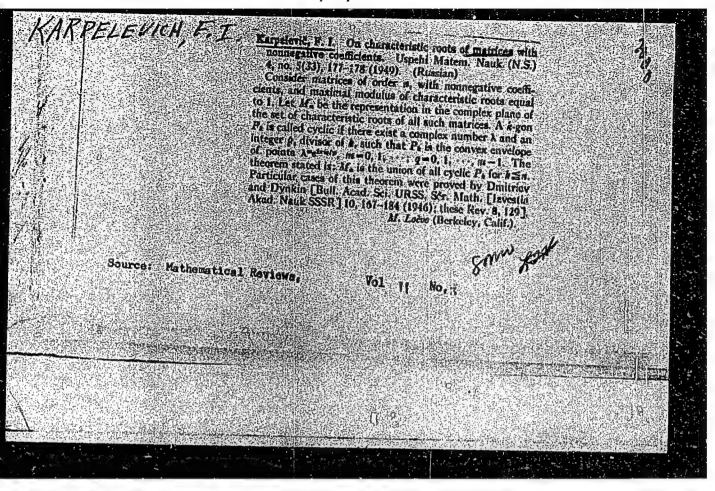
1. Ustav biologie lek. fak. v Kosiciach a Ustav biofyziky CSAV, Brno. (BLOOD CELIS.

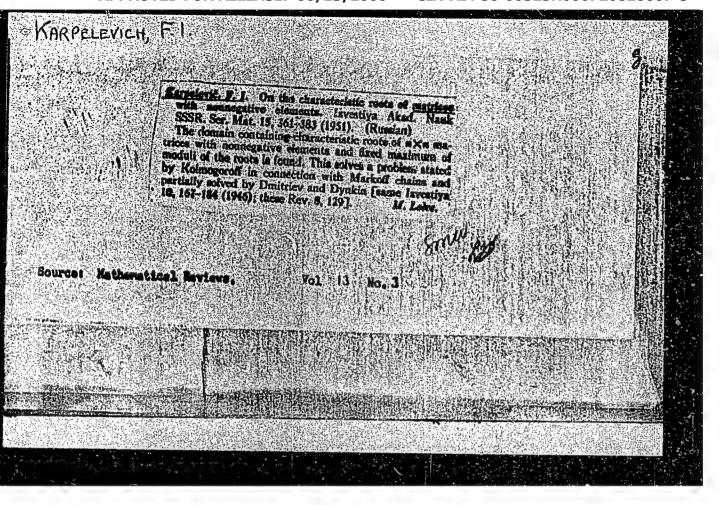
count, eff. of hypothermia in irradiated animals (Cz)) (RADIATIONS, eff.

eff. of hypothermia on survival & blood count (Cz)) (HYPOTHERMYA, eff.

on blood count & survival in irradiated animals (Cz))



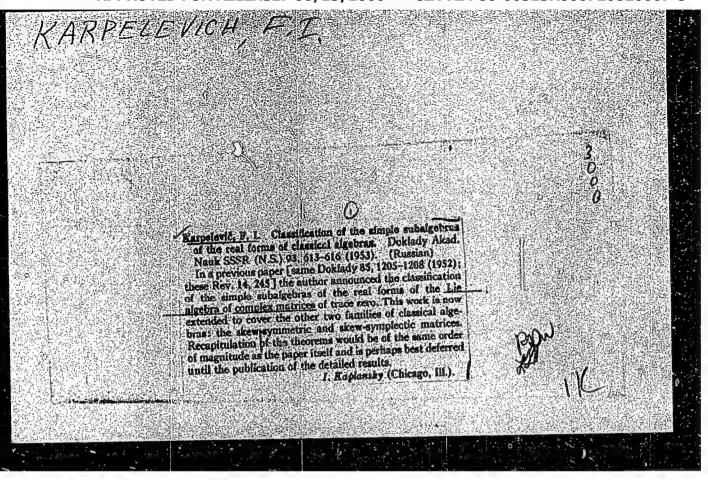


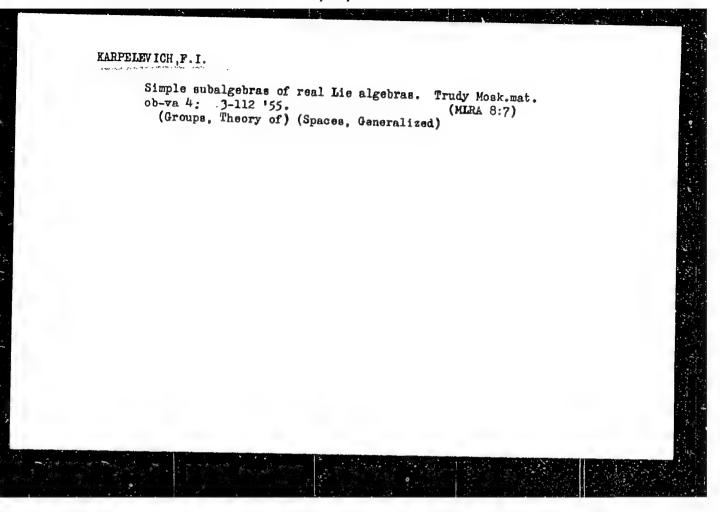


KARPELE VICH,	FIL.	***
		2
	Karpelevič, F. I. On nousemisimple maximal subelgebras	
	at samisimple Lie algebras. Dokindy Akad. Nauk SSSR. (N.S.) 76, 175-778 (1951). (Russian) Let G be a samisimple Lie algebra. 2 and II systems of	
	roots and simple roots respectively. To a maximal nonsemissimple subalgebra G_1 there is attached a subsystem Σ_1 of Σ . The author first shows that $\Sigma_1 \cup (-\Sigma_1) = \Sigma$. In the remaining investigation, the hypothesis of maximality is replaced by	
	this weaker condition. After an inner automorphism, Z ₁ can be described as the set of all roots having nonnegative coefficients on a certain subset H ₂ of H. The case of maxis	
Source: V.4	manty is that where II has just one element. I. Kaplansky (Chicago, III.).	
Source: Mathematics	il Reviews, Vol 17 No. ()	
	# minimum programmes and the second s	

|--|

KARPELEVICH, F. I.	Karpelevič, F. I. Surfaces of transitivity of a semisimple subgroup of the group of motions of a symmetric space. Doklady Akad. Nauk SSSR (N.S.) 93, 401-404 (1953). (Russian) This work is based on the well known results of E. Cartan on semi-simple groups. If \mathfrak{M} is a symmetric Riemann space \mathfrak{M} negative curvature, its group of motions \mathfrak{M} is semi-simple and the stationary subgroup \mathfrak{M} is a maximal compact subgroup of \mathfrak{M} . Let G be the Lie algebra of \mathfrak{M} and $\varphi(g,h)$, $g,h\in G$, the Cartan invariant bilinear form. Let H be a subspace of G . The set of elements X of G such that $\varphi(x,h)=0$ for all $h\in H$ is called the orthogonal complement of H (in G). Let G be a semi-simple subgroup of G and G a maximal compact subgroup of G . Let G and G a maximal compact subgroup of G . Let G and G a maximal compact subgroup of G . Let G and G a maximal compact subgroup of G such that G and G a maximal compact subalgebra G of G such that G and G and G is canonically imbedded in G if there exists a maximal compact subalgebra G of G such that G and G is the surface of transitivity of G containing G , then G is totally geodesic (with respect to the metric G is 1 and G is the surface of transitivity of G containing G , then G is totally geodesic (with respect to the metric G is a semi-simple subgroup of G then it is canonically imbedded in G .	10-28-54 LL	
			The second secon





APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720820007-5"

"APPROVED FOR RELEASE: 06/13/2000 CIA-R

CIA-RDP86-00513R000720820007-5

KARPELEVICH, F. I. Cand Phys-Math Soi --(diss) Subgroups of Lie!s elementery groups, and homogeneous expenses of spaces" Mos, 1956. 3 pp 20 cm. (Mos Order of Lenin and Order of Labor Red Banner State U im M. V. Lomonosov. Mechan-Math Faculty), 100 copies (KL, 7-57, 104)

KARpelevich FI.

SUBJECT

PERIODICAL

USSR/MATHEMATICS/Topology

CARD 1/1

PG - 990

AUTHOR TITLE

KARPELEVICH F.I.

On the fibre space of homogeneous spaces. Uspechi mat. Nauk 11, 3, 131-138 (1956)

reviewed 7/1957

The principal result of the present paper is the proof of the following theorem: The factor space C/H, where C and H are semi-simple group spaces can be fibred homogeneously. Here the fibres are Euclidean spaces and the basis is a space K/P, where K and P are maximal compact subgroups of G and H respectively. After some considerations and definitions on the fibre space of group spaces the author introduces the essential notion of the generalized Grassmann space. This is the totality (S) of all totally geodesic manifolds S of a symmetric Riemannian space of non-positive ourvature, where the S are obtained one from another by the transformations of E. Now it is shown that every homogeneous space M with a semi-simple motion group G can be mapped homomorphically onto such a generalized Grassmann space (S) . The above mentioned theorem then follows in essential by showing at first that {S} can

KARPELEVICH, F.I.

A THOR:

BEREZIU, P.A. and HARICLETICE, F.I.

TITLE:

Zonal Spherical Functions and Laplace Operators on Home Spmmetric Spaces (Zonal'nye afericheskiye funktsii i operatory Laplasa na nekotorykh simmetricheskich prostranstwakh). SSSR Doklady Akademii Naul/1950, Vol 113, Er 1, pp 9-12 (USCR)

PERIODICAL:

ABSTRACT:

Let $\mathfrak{M} = G/H$ be a homogeneous space with compact stationary subgroup H. As a Laplace operator on Mt according to Cell fand [Ref.1] a differential operator 4 is denoted which commutates with the translation operators. Let R be the manifold of the functions on M which are constant on the transitivity surfaces of the subgroup H. Each Laplace operator induces a certain differential operator on R; This is denoted as the radial part of Δ , in symbols $\mathring{\Delta}$. Let the space $\mathcal{M}_{n,k}^+$ be the manifold of the k-dimensional subspaces of the n-dimensional complex space; let $\mathcal{M}_{n,k}^-$ be dual to $\mathcal{M}_{n,k}^+$ according to Cartan and finally let mon,k be the space of all complex matrices with k-lines and n-k rows. In the present paper the author calculates the Δ of the Laplace operators Δ

and the zonal spherical functions belonging to the irredu-

Card 1/2

Zonal Spherical Functions and Laplace Operators on Some Sym- 20-118-1-1/58 metric Spaces

cible representations in the spaces $\mathcal{M}_{n,k}^+$, $\mathcal{M}_{n,k}^-$ and $\mathcal{M}_{n,k}^0$. 1 Soviet and 1 foreign reference are quoted.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova

(Moscow State University imeni F.V.Lomonosov)

PRESENTED: June 24,1957 by P.S. Aleksandrov, Academician

SUBMITTED: June 21,1957

AVAILABLE: Library of Congress

Card 2/2

	ow, 1956	sekreionnykh dokladov. Doklady 13 of free Jed All-Union Michema- 14 s. Summary of Sectional Reports 12d-vo AN 555R, 1979.	Matematicheskiy institut,	A.A. Abramov, V.G. A.D. Myshkis, S.M. V. Prokhorov, V.A., G. Chetayev, G. Ye.	ians and physicists.	is the state of the interest and July 1956. The state teach teach as the Contains a state teach of the contains a substitute of the catton are the catton are the catton are the catton. The catton are the catton are the catton. The paper are you have with the the catton are proper and the catton are the catton. The paper are contain and are the catton are contain and the catton are the catton are contained and the catton are the catton are contained and the catton are the catton are catton a	f mathematics, and the	Semisiable subgroups of real 10	equations of prime	On the theory of in-	ith one operation 13	ions of inverse	the upper bound of characteristic ns	ary value problems nal spaces			er e de de la companya de la company
<u> </u>	matematicheskiy s"yezd. 3rd, Moscow,	dy t. 4; Kratkoye adderthantye sekelonn Insustrantyk uchenyki (Tranactions of the Etal Conference in Moscow, vol. 4: Summ Maperts of Powelfy Scientists) Moscow, Idd- Zip p. 2,500 copies printed.	Akademiya nauk 3338.	. Shevchanko; Editorial Board: A.A. Abramov, V.G. A.M. Vaail'yev, B.V. Mcdvedew, A.D. Rybhkis, S.M. Bornes Ed.) A.G. Foatnikov, Yu. V. Prokloprov, K.A. L. Ullyanov, V.A. Uspenskij, M.G. Chetayev, G. Ye. I., Shirshov.	This book is intended for mathematicians and physiciats.	CONTAGE. The book is volume IV of the Transactions of the initial Anti- Contan Mathematical Conference, held in June and July 1956. The Contan Mathematical Conference, held in June and July 1956. The Emarkee of the papers presented by Sovier scientiats at the Con- ference that were not included in the first two volumes. The second part contesting the text of reports submitted to the editor- by non-Soviet scientists. In those cases when the non-Soviet set of the paper is cited and, if the paper was printed in a previous volume, reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral squattons, function theory, functional analysis probability theory, copology mathematical	i mechanica and physics, tompu al logic and the foundations o mathematics.	Karpelevich, F.I. (Noscow). Semisiaple a	(Sverdlovsk). Solvable	Mukhammedzhan, Kh. Kh. (Sverdlovsk). On Tinlum-wolvable-groups-	Sopicing The Com(Moscow). Rings as sets with one operation subjected to a single identity Assetter on Differential and Thisomal Wrastions	Andrianos-Gift [Easen'). Integral equations of inverse Foundary value problems	Vinograd, R.E. (Moscow) On the upper bou Indices in small perturbations	(Moscow). Solution of boundary of equational in certain Distributa	g		
16(1)	Vacsoyuznyy mater	Trudy, t. 4: Ku inostrantylih u tical Conferen Reports of For 247 p. 2,200 o	Sponsoring Agency:	Tech. Ed.: G.M. Shevchanko; Ebltymaskiy, A.M. Vasil'yo: Hikol'skiy (kesp. Ed.), A.(Rybnikov, P. L. Ul'yanov, Shilov, and A.I. Shirshov,	FURFOSE: This b	COVERAGE: The book is divined by non-fort of the control of the co	problems or mathematics history of	Karpelevich Croup	Eurbatov, V.A.	Mukhamedzhi FIMICE wolv	d batasidus	Andrianos, va	Vinograd, R.	Wishik, M.I. (Moscow).		•	

0579L

16(1),16(2) AUTHORS:

Karpelevich, F.I., Tutubalin, V.N., and Shur, M.G. SOV/52-4-4-5/13

TITLE:

Limit Theorems for the Compositions of Distributions in the

Lobachevskiy Plane and Space

PERIODICAL: Teoriya veroyatnostey i yeye primeneniya, 1959,

Vol 4, Nr 4, pp 432-436 (USSR)

ABSTRACT:

The authors investigate random variables in the Lobachevskiy space or plane L. The Borel measure $\mathcal{M}(\Gamma)$ is called symmetrical if for every Borel set \(\Gamma\) and every rotation h around the coordinate origin 0 it holds: $\mathcal{M}(h\Gamma) = \mathcal{M}(\Gamma)$. The composition

 $M_1*M_2(\Gamma)$ is defined by $M_1*M_2(\Gamma) = \int_{M_1(\theta_x^{-1}\Gamma)} M_2(dx)$, where θ_x

is a motion in L which transforms O into the point x. Theorem 1: Let $\varphi(\eta)$ be a bounded zonal spherical function

(compare $\lceil \text{Ref 2} \rceil$). Then $\int \varphi(\gamma) \mathcal{M}_1 * \mathcal{M}_2(\mathrm{d}x) = \int \varphi(\gamma) \mathcal{M}_1(\mathrm{d}x)$. $-\int \varphi(\eta) \mu_2(dx)$, where $\eta = g(0,x)$ is the noneuclidean distance

between 0 and x and μ_1 , μ_2 are symmetrical measures.

Card 1/3

05794

Limit Theorems for the Compositions of Distributions SOV/52-4-4-5/13 in the Lobachevskiy Plane and Space

Card 2/3

6

Limit Theorems for the Compositions of Distributions 05794 SOV/52-4-4-5/13 in the Lobachevskiy Plane and Space

Definition: Let the dispersion of p be

$$D(M) = -g''(9)\Big|_{9=0} = -\frac{f''(0)}{f(0)}.$$
It holds
$$D(M_1*M_2) = D(M_1) + D(M_2).$$

$$D(M_1*M_2) = D(N_1) + D(M_2)$$
.

Theorem 4 treats the convergence of the sequence

The authors mention M.Ye.Gertsenshteyn; and V.B. Vasil'yev. There are 2 Soviet references.

SUBMITTED: December 25, 1958

Card 3/3

16(1) AUTHOR: Karpelevich, F.I. SOV/20-124-6-5/15 Geodesics and Harmonic Functions on Symmetric Spaces (Geodezi-TTTLE: cheskiye linii i garmonicheskiye funktsii na simmetricheskikh prostranstvakh) PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, pp 1199-1202(USSR) Let G be a connected semisimple Lie group, K its maximum com-ABSTRACT: pact subgroup and nothe homogeneous space G/K. With respect to the invariant metric 70% is a symmetric Riemannian space with nonnegative curvature. Let the distance $Q(y_1,y_2)$ between two geodesics \mathcal{J}_1 and \mathcal{J}_2 be defined in a natural way. The set of the geodesics, the distance of which from χ_0 vanishes: $9(\chi,\chi_0)=0$ is denoted as the zero bundle with the geodesic χ_0 . Let the space \mathcal{P} of these zero bundles be considered. Let $\mathcal{P}(\Gamma_0)$ be the set of the zero bundles Γ , for which $9(\Gamma_0,\Gamma)<\infty$. Theorem: $\mathcal{P}(\Gamma)$ is a symmetric Riemannian space for each zero bundle Γ . Two geodesics χ_1,χ_2 are called conjugate, if there is a $g \in G$, so that $g \gamma_1 = \overline{\gamma}_2$. Theorem: If $g(\gamma_1, \gamma_2) < \infty$, Card 1/3

Geodesics and Harmonic Functions on Symmetric Spaces SOV/20-124-6-5/55 then χ_1 and χ_2 are conjugate. Now there are connected a series of groups with χ_1 be the G(χ_1) [G^O(χ_1)] be the set of all geG, for which χ_2 (g χ_1) $< \infty$ [G(χ_1)] be the set of all trajectory of the one-parameter subgroup χ_2 for χ_3 is a trajectory of the one-parameter subgroup χ_4 (χ_4) of G. The set of all elements of χ_4 for different t and χ_4 going through the point x is denoted as χ_4 . Let χ_4 be the stationary subgroup of x. Let χ_4 be subgroup of χ_4 be the stationary subgroup of χ_4 (χ_4). Theorem: G(χ_4) is transitive in χ_4 (χ_4), where χ_4 is a zero bundle centaining χ_4 . Theorem: χ_4 is a continuous homomorphism of χ_4 onto G(χ_4) onto G(χ_4). Theorem: χ_4 is the original for the mapping χ_4 of the group χ_4 (χ_4). A function f continuous and bounded on χ_4 , satisfying certain conditions and for which it is χ_4 f(χ_4). χ_4 (dk)=f(χ_4), where K=K, is the stationary subgroup of χ_4 , χ_4 (dk)=f(χ_4), where K=K, is the stationary subgroup of χ_4 , χ_4 (dk) a normed invariant measure on K,

Geodesics and Harmonic Functions on Symmetric Spaces 50V/20-124-6-5/5 is denoted to be harmonic. Theorem: If Γ_1 and Γ_2 are two zero bundles and if $G_0(\Gamma_1)=G_0(\Gamma_2)$, then for each harmonic function it is $f(\Gamma_1)=f(\Gamma_2)$. Altogether 13 theorems of similar kind are given without proof. The suggestion for considering the space $R(\Gamma)$ is due to I.I.Pyatetskiy-Shapiro. There are 6 references, 3 of which are Soviet, 2 American, and 1 French.

ASSOCIATION: Moskovskiy institut inzhenerov zheleznodorozhnogo transporta

ASSOCIATION: Moskovskiy institut inzhenerov zheleznodorozhnogo transporta imeni I.V. Stalina (Moscow Institute for Engineers of Railroad-Transport imeni I.V. Stalin

PRESENTED: November 12, 1958, by P.S.Aleksandrov, Academician SUBMITTED: November 11, 1958

Card 3/3

Orispheric radial parts of Laplace operators on symmetric spaces.

Dokl. AN SSSR 143 no.5:1034-1037 Ap '62. (MIRA 15:4)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.

Predstavleno akademikom P.S. Aleksandrovym.

(Operators (Mathematics)) (Spaces, Generalized)

GINDIKIN, S.G.; KARPELEVIC.i, F.I.

Plancherel's measure for Riemannian symmetrical spaces of non-positive curvature, Dokl.AN SSSR 145 no.2:252-255 Jl 162.

(MIRA 15:7)

Predstavleno akademikom P.S.Aleksandrovym.
 (Spaces, Generalized) (Groups, Theory of)

KARPELEVICH, Fridrikh Izrailevich; SADOVSKIY, Leonid Yefimovich; DONCHENKO, V.V., red.; PLAKSHE, L.Yu., tekhn. red.

[Elements of linear algebra and linear programming] Elementy lineinoi algebry i lineinogo programmirovaniia. Moskva, Fizmatgiz, 1963. 274 p. (MIRA 16:10) (Algebra, Linear) (Linear programming)

KARPELEVICH, F.I.

Non-negative eigenfunctions of the Beltrami-Laplace operator on symmetric spaces of non-positive curvature. Dokl. AN SSSR 151 no.6:1274-1276 Ag '63. (MIRA 16:10)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta. Predstavleno akademikom I.G.Petrovskim.

EAPPELEVIOR, L. I.: "The connection between the torder spreathetic trucks and the preventebral nerves of the obdoming region of man and animals." Ryazan' Medical Instituted According to P.

Tayley. Chair of Normal Anatony. Pyazan', 191. . (Dissertation for De ree of Candidate in Medical Sciences).

SO: Enizhnava letorici, No 23, 155

FARFEI EVICE, L. I.:

KARPELEVICH, Y.D.; VORONIN, V.A.

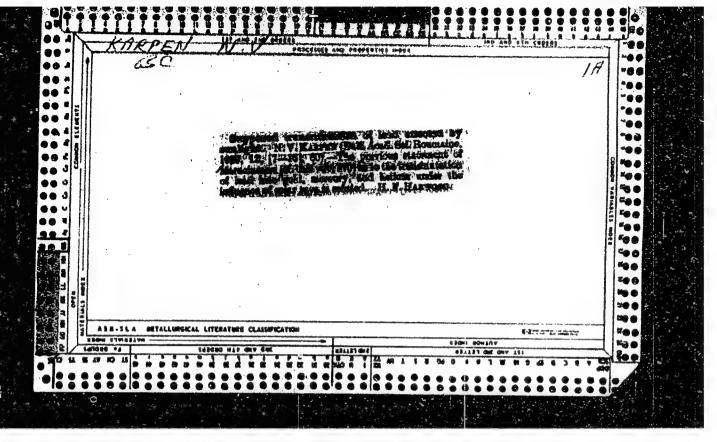
Hydraulic distributor for agricultural machines. Trakt i sel'khozmash. no.1:37-38 Ja '65. (MIRA 18:3)

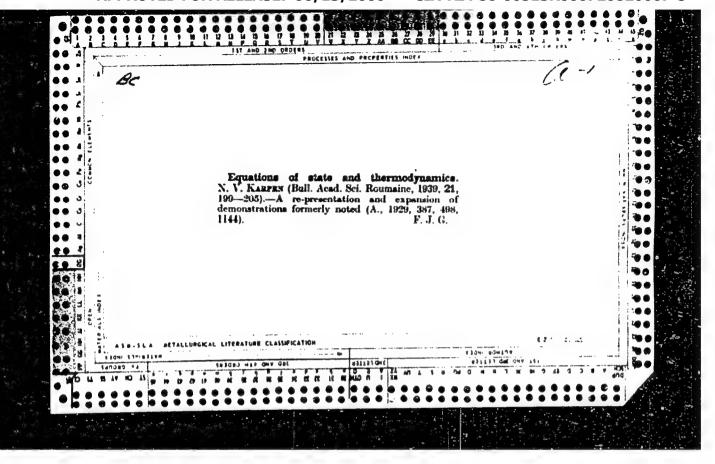
1. Vsesoyuznyy nauchno-issledovateliskiy institut seliskokho-zyaystvennogo mashinostroyeniya.

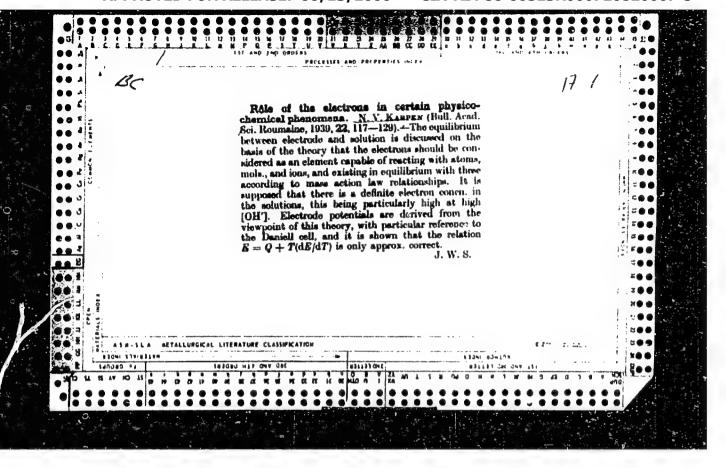
POTTER, Kh.1.; PANOVA, G.V.; KARPELYUK, A.A.

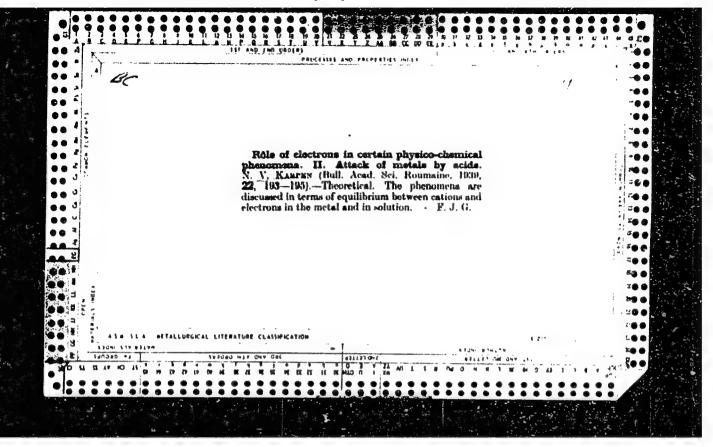
Determining the aberration constant according to a throe-year observation series on the Pulkovo polar telescope. Astron. tsirk. no.174:12 N '56. (Aberration)

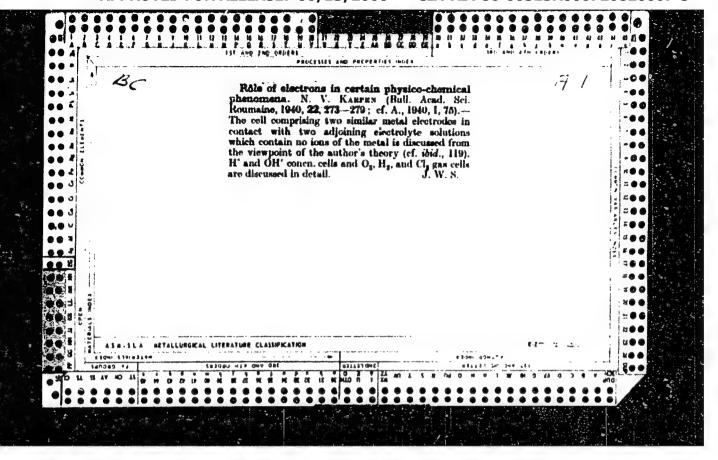
(Aberration)











KARPFN, N.

The role of fluctuations in the appearance of life on earth.

p. 1079 (Academia Republicii Populare Romine, Comunicarile, Vol.67, no.9, Sept. 1956 Fucuresti, Rumania)

Monthly Index of East European Accessions(EFAI) LC. Vol. 7, no. 2, February 195

KARPEN, N. The mechanism of the osmotic pressure. p. 205. Vol. 8, no. 1, Jan./Mar. 1956 BULETIN STILLTFIC. SOIF CE RUMALIA So: East European Accession, Vol. 6, No.5, Nay 1957

KARPENKO Country : USSR Catogory : Farm Animals. Q Cattle. Aba. Jour : Ref Zhur-Biol., No 21, 1958, 96890 Author Filipson, Ye.; Karpenko, A.; Ganus, S. Institut. Titlo Feeding Cattle Twice and Three Times Daily when Fattening with Pulp. Orig Pub. : Molochn. i myasn. zhivotnovodstvo, 1958, No 1, 32-34 When cattle was fattened with siloed pulp, it Abstract was distributed twice daily and this assured the complete consumption of the daily fodder ration and satisfactory daily weight gains which amounted to 1215 g whereas 825 g were planned for, as well as saved 23 percent of the time necessarily needed for the feeding of the animals as compared to a food distribution taking place three times daily. Card: 1/1

KARPENKO, A. and NIKOLAEV, V.

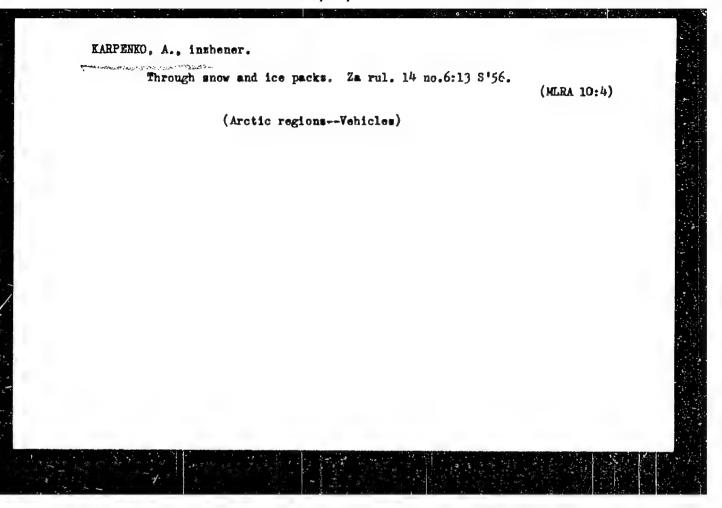
Vazhnye voprosy alektrifikatsii zheleznykh dorog. / Inportant problems of railroad electrification /. (Zhel-dor. tranport, 1948, no. 3, p. 80-81).

DLC: HE7, Z5

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Deaprtment, Washington, 1952, Unclassified.

New passenger cars. Znan. sila no.6:6-7 Je '55. (MIRA 8:8)

(Automobiles)



APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720820007-5"

KARPENKO, A., inzhener.

The UralZIS-355M truck. Za rul. 15 no.1:5-6 Ja 157.

(MLRA 10:4)

1. Zamestitel' predsedatelya mezhduvedomstvennoy komissii po ispytaniyu avtomobiley UralZIS-355M
(Motortrucks)

KARPENKO, A., inzh.

Soviet-made passenger cars. Za rul. 16 no.11:20-21 N '58.

(Automobiles)

KARPENKO, A.A.

Ghamotte crown with air cooling. Lit. proizv. no.8:31 Ag 163.
(MIRA 16:10)

SOLOV YEVA, F.I. [Soloviova, F.I.]; KARPENKO, A.A. [Karpenko, A.O.]

Interrelationship of chalcocite with galena from hydrothermal veins in the Krivoy Rog Basin. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. 1 geokhim. no.20:70-75 *63. (MIRA 16:8)

Determining the acid number and free alkali in the saponified oxidate by the method of potentiometric titration. Trudy NISZHIMSa no.3; 86-88 '62. (MIRA 16:12)

GOLIK, S.S., inzh. (Kiyev); KIZHAYEV, G.D., inzh. (Kiyev); KARPENKO, A.D., inzh. (Kiyev)

Yelta water tunnel. Vod. i san. tekh. np.9:8-12 S *64. (MIRA 17:11)

KARPENKO, A.F., kand. ekon. nauk; DOBRYAKOV, N.V., kand. sel'khoz. nauk; BOYKO, V.S., otv. za vypusk.

[Planning green fodder production; handbook on the methods of practical work for the couse "Production organization in socialist agricultural enterprises" given by the Department of Animal Husbandry] Planirovanie zelenogo konveiera; uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po kursu "Organizatsiia proizvodstva v sotsialisticheskikh sel'skokhoziaistvennykh predpriiatiiakh" na zootekhnicheskom fakul'tete. Novosibirsk, Novosibirskii sel'khôz. in-t, 1961. 5 p. (MIRA 14:7) (Siberiia, Western-Pastures and meadows)

KARPENKO, A.F., kand.ekon.nauk; DOBRYAKOV, N.V., kand.sel'skokhoz.nauk; BOYKO, V.S., otv. za vypusk

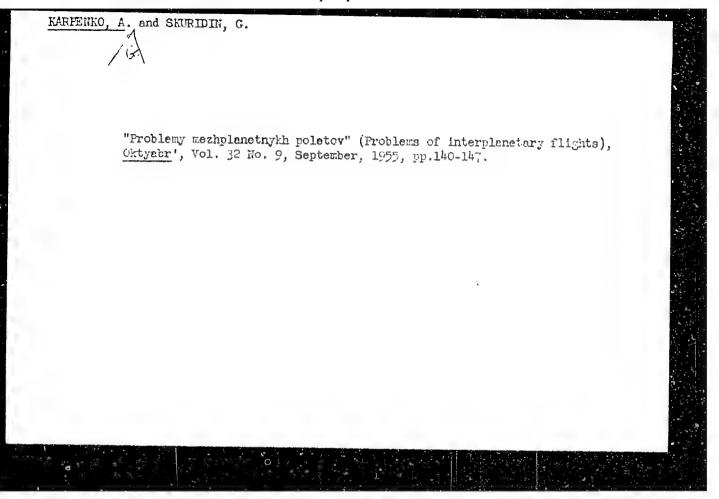
[Planning replacements in a poultry flock and the output of poultry products; handbook on the methods of practical work for the course "Production organization in socialist agricultural enterprises" given by the Department of Animal Husbandry"] Planirovanie vosproizvodstva stada ptitsy i vykhoda produktsii ptitsevodstva; uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po kursu "Organizatsiia proizvodstva v sotsialisticheskikh sel'skokhoziaistvennykh predpriiatiiakh" na zootekhnicheskom fakul'tete. Novosibirsk, Novosibirskii sel'khoz.in-t, 1961. 11 p. (MIRA 14:7)

(Poultry)

KARPENKO, Anatoliy Grigor'yevich; MOROZ, I.I., redaktor; ISLENT'YEVA, P.G., tekhnicheskiy redaktor.

[Problems of cosmic flight] Problemy kosmicheskikh poletov. Moskva, Izd-vo "Znanie," 1955. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4. no.25)
(Interplanetary voyages) (MLRA 8:12)

"Sovremennye problemy kosmicheskikh poletov" (Contemporary problema of cosmic flights), Vestnik Akademii Nauk SEER, Vol. 25, No. 9, September, 1955, pp. 19-30. For translation see Appendix XVII.
Vand 1/2 17 les tenas som stor heling my



KARPENKO, A. G., and LIDOV, M. L.

"Concerning the Temperature Regime in Earth Satellites,"s paper presented at the Eight Annual Congress of the International Astronautical F.deration. 6-12 Oct 1957, Barcelona.

KARPENKO, A C

. AUTHORS: Karpenko, A.G., and Lidov, M. L.

49-4-16/23

TITLE:

On the temperature regime in an artificial Earth

satellite. (O temperaturnom rezhime iskusstvennogo

sputnika zemli).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya,

1957, No.4, pp. 527-533 (USSR)

ABSTRACT: Papers published on the temperature regime in artificial

satellites are devoted either to evaluating the extreme values of the temperature, which cannot be achieved in

reality or to the influences of the individual factors,

for instance, the molecular heat flow (Refs.1-3), corpuscular radiation of the Sun (Ref.4), etc. Such an

approach does not permit a sufficiently accurate

determination of the possible range of fluctuations of the temperature of the satellite during its movement

along an orbit. The authors of this paper assume

infinite thermal conductivity of the body of the satellite and also that the satellite has no definite

orientation whatever in space and these assumptions

enable disregarding the concrete design parameters of the satellite. For certain circular orbits calculations

Card 1/3 were made and graphs were plotted of the minimum and

49-4-16/23 On the temperature regime in an artificial Earth satellite.

maximum temperature reached by the body as a function of the power of the internal sources of energy and its heat capacity for a characteristic area and a characteristic reflection coefficient of the surface. In the calculations the energy from internal sources. from direct solar radiation and also from the Earth (the thermal radiation of the Earth and the reflection of the Sun's radiation) were considered. The derived formula, Eq.(19), p.531, is utilised for determining the temperature for two types of orbits, one circular in a plane perpendicular to the line Earth-Sun (graph Fig.5) and one with a circular orbit in a plane passing through the line Earth-Sun. In both cases it is assumed that the orbits are at distances of 200 and 100 km from the surface of the Earth. By giving a satellite a definite orientation the temperature conditions can be influenced appreciably; the finite heat conductivity of the body also brings about a change in the results. It can be seen from the graphs that, in presence of small internal sources of energy in the satellite, the temperature inside the satellite will vary between 0 and 10°C.

Card 2/3

49-4-16/23

. On the temperature regime in an artificial Earth satellite.

There are 9 figures and 6 references, all of which are Slavic.

SUBMITTED: October 18, 1956.

ASSOCIATION: Ac.Sc. USSR Astronomy Council, Inter-Departmental

Commission on Inter-Planetary Travel.

(Akademiya Nauk SSSR Mezhduvedomstvennaya Komissiya po Mezhplanetnym Soobshcheniyam pri Astronomicheskom

Sovete).

AVAILABLE: Library of Congress.

Card 3/3

AUTHORS: Karpenko, A.G., Belyayev, L.M., Vitovskiy, B.V.

and Dobrzhanskiy, G.F.

TITLE: Crystalliser for Growing Crystals by the Evaporation

Method

PERIODICAL: Kristallografiya, 1961, Vol. 6, No. 1, pp. 146 - 147

TEXT: In spite of numerous advantages of this method it has been relatively little used. Its main drawbacks are a decrease in the volume of the mother liquor during crystallisation, loss of solvent during evaporation (important in the case of poisonous or expensive solvents) and impossibility of obtaining a continuous process of crystallisation without having to fill the crystalliser with saturated solutions. The latter is particularly important in crystallising substances which are difficult to dissolve. The authors propose a design of crystalliser which enables continuous crystallisation by evaporation in a closed crystalliser without loss of the solvent, maintaining a constant level of the Card 1/8

Crystalliser for Growing

mother liquor. The crystalliser does not require any pumping systems or any other forcing devices for maintaining a constant level and the desired degree of saturation of the solution. Transfer of the substance to be crystallised from the solution zone into the space where crystallisation takes place and maintenance there of the required saturation are by means of natural circulation, including evaporation of the solvent, its condensation, return of the condensate into the zone of solution of the substance and movement of the solution into the zone of crystal growth. The crystalliser, Fig. 1, is mounted on an electric heater and contains all the apparatus for maintaining and controlling the temperature. It consists of three coaxial vessels, fitted one inside the other, in such a way that the first (external) and the second (middle) intercommunicate at the top whilst the second and third (inner vessels) intercommunicate from the bottom. The edges of the first and third vessels should be above the level of the mother liquor, whilst the edge of Card 2/8

Crystalliser for Growing

the second is a few cm below the level of the mother liquor. The first vessel is intended for dissolving the crystallised substance and for receiving the condensate. It also serves as a settling vessel and a thermostat. The second vessel serves as a carrier of the solution and has a seal preventing the falling of germinations from the zone of dissolution into the crystalliser. The third (internal) vessel is the crystalliser. The communication between the lid of the crystalliser and the first cylinder is by means of a ground surface. In a crystalliser of this design, a "continuous" complicated cycle of mass transfer from one state into another takes place. The crystalliser is filled with a solution which is saturated at a given temperature. The degree of filling can be seen from Fig. 1. At the bottom; between the walls of the first and the second vessels, the excess material is fed in which is considerably greater than the weight of the crystal to be produced. The geometric dimensions of the vessels are so chosen as to obtain an evaporation surface in Card 3/8,

Crystalliser for Growing

the first and the second vessels, which is considerably smaller than the surface in the third vessel. During operation of the crystalliser condensation of the solvent will occur at the inner surface of the lid and the top part of the first vessel. The lid is made semispherical or conical so as to ensure that the condensate returns only into the first vessel where dissolution of the recrystallised substance takes place as a result of continuous inflow of solvent. Since the vessels intercommunicate, a constant hydrostatic level difference is maintained, which is governed solely by the difference in the density of the solution in the first and third vessels and in the system as a whole constant concentration flows will establishe themselves, as shown by arrows in Fig. 1. The solvent evaporated from the third vessel is replaced by a quantity of solution of equal mass from the first vessel, this way, there will be a continuous transfer of the orystallising substance from the solution zone into the Card 4/8/

Crystalliser for Growing

crystalliser, as a result of which a constant saturation is maintained in the crystalliser. The specific degree of saturation will become established at a given temperature which hardly changes at all with the growth of the crystal. Under otherwise equal conditions the degree of saturation and consequently the speed of growth of the crystal is controlled by changing the temperature of the solution. Furthermore, equipment can be designed which permits changing (increasing in the case of a positive temperature coefficient of the solubility) the evaporation surface of the first and the second vessels in accordance with a given programme. temperature field of the crystalliser has a small gradient directed from the bottom upwards. The thermal effects of the reactions in the system are localised and can be easily taken into consideration. Mechanical mixing of the solution in the crystalliser is by means of a magnetically actuated mixer. The reliability of the described crystalliser was verified under laboratory conditions for a number of substances, Card 5/8

S/070/61/006/001/010/011 E073/E335

Crystalliser for Growing

including substances of low solubility. Figure 2 gives a photograph of the equipment. There are 2 figures and 1 Soviet reference.

ASSOCIATION: Institut kristallografii AN SSSR

(Institute of Crystallography of the AS USSR)

SUBMITTED: May 26, 1960

Card 6/

BFLYAYEV, L.M.; TITOVSKIY, B.V.; DOBRZHAMSKIY, G.F.; KARPENKO, A.G.

Modified crystallization tank. Kristallografiia 6 no.2:286-287
Mr-Ap *61. (MIRA 14:9)

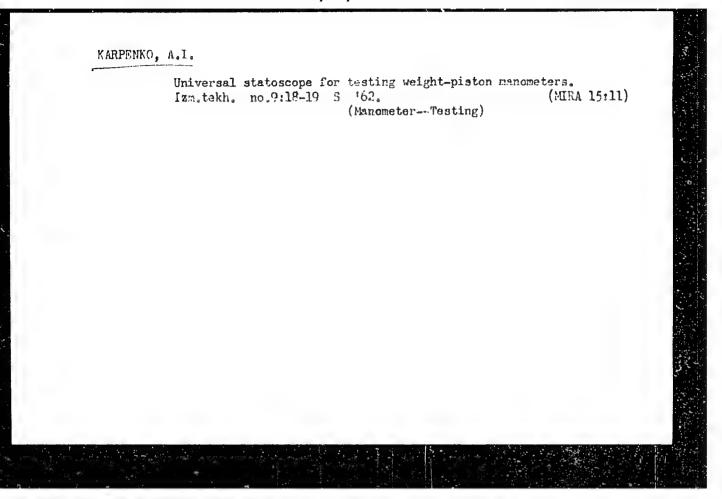
1. Institut kristallografii AN SSSR. (Crystallization)

KARPENKO	, A.I.	DECEASED	1961/I	
•		c 1960		
•	,			
	•			·
·				
	•			
		SEE ILC		
EKECTRIC	RAILROADS			

KARPENKO, A.I.

Protection of a frequency trebler from damages. Elek. i tepl. tiaga 4 no.10:28-29 0 '60. (MIRA 13:10)

Nachal'nik uchastka energosnabzheniya Stalinskoy dorogi.
 (Railroads—Electric equipment)
 (Frequency mulitpliers)



KARPENKO, A.I.

We need binding screws. Prom. energ. 18 no.3:61 Mr 163.

1. Energouchastok Pridneprovskoy zheleznoy dorogi. (Electric fuses)

KARPINKO, A.J.

Practices in obtaining large crops. Zemledelie 27 no.6:77-20 Je 165. (MFA 18:9)

I. Glavnyy agrenom Gozndarstvennego į lemannego žego is "Tejkim" Voronetiskoj shiesti.

Television image without scanning. Cz spoje 6 no.12:15 D '61.

ZOTOV, V.P.; SILUYANOV, V.G.; GUGINA, Ye.F.; AUERMAN, L.Ya.; ALEKHINA, M.S.;

EEZZUBOV, A.D.; BODROV, V.A.; BUDNYY, A.V.; BURTSEV, Ye.L.;

VAYNSHTEYN, V.O.; GAVRILOV, A.N.; GORBATOV, V.M.; GRITSENKO, N.N.;

DOLGUSHEVA, L.I.; YEDYGENOV, K.Ye.; ZHURAVLEVA, S.S.; ZACHESKIN,

YR.A.; IVKIN, A.P.; IZOTOV, A.K.; IL'INSKIY, N.A.; IRINARKHOVA,

A.M.; KARPENKO, A.K.; LYSOGOR, P.M.; LUPISH, A.T.; OLEYNIKOV, V.V.;

ORANZHEREYEVA, V.F.; PETROV, N.A.; PYATIBRATOV, M.A.; ROMANOV,

A.N.; RAUBE, P.V.; RYZHENKO, L.P.; SEMYKIN, A.A.; SHEFER, A.P.

G.IA.Ivanov; obituary. NTO 4 no.10:39 0 '62. (MIRA 15:9) (Ivanov, Georgii IAkovlevich, 1897-1962)

38159. KARPENKO, A. N.

Protsess pitaniya i pabota katushechnogo apparata pri nizhnem wyseve. Trudy Vsesoyuz. Nauch.-issled. in-ta mechanizatsii sel. khoz-va, t. XII, 1949, s. 47-78

- 1. KARPENKO, A.N.
- 2. USSR (600)
- 4. Grasses
- 7. Mechanization of summer and fall cultivation grass grown for seed. Dost. sel'knoz no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953, Unclassified.

KARPENKO, A. N.

Kvadratno-gnezdovoi sposob poseva i posadki (Seeding and planting in checkrowed clusters) Moskva, 1953. 32 p. (Glav. upr. s. -kh. propagandy i nauch. -issled. uchrezhdenii M-va sel'skogo khoziaistva i zagotovok SSSR)

SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

KARPENKO, Aleksandr Nikolayevich, akademik, professor; POLEVITSKIY, Konstantin Aleksandrovich, professor; PESTRYAKOVA, S.V., redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Agricultural machines and implements] Sel'skokhoziaistvennye mashiny i orudiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 527 p. (MIRA 19:3)

Moskovskaya Ordena Lenina sel'skokhozyaystvennaya akademiya im.
 K.A.Timiryazeva (for Karpenko).
 Leningradskiy sel'skokhozyaystvennyy institut (for Polevitskiy)
 (Agricultural machinery)

KARPENKO Alekandr. Wikolawayich, akademik; KATSNEL'SON, S.M., red.;

GUBIN, M.I., tekhn.red.

[New developments in the mechanization of tillage] Novoe v
mekhanizateii polevodetva. Moskva, Izd-vo "Znanie," 1957. 31 p.

(Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i
nauchnykh znanii. Ser.5, no.28)

(Agricultural machinery)

(Agricultural machinery)

KARPENKO, A.N., akademik.

Machinery and mechanization of socialist agriculture on the 40th anniversary of the great October. Zemleledie 5 no.11:17-30 N '57.

(Farm machanization) (Agricultural Machinery)(MLRA 10:11)

ALEKHIN, N.V.; KARPENKO, A.N., red.

[Mechanized field-crop cultivation] Mekhanizatsiia polevodstva.

2 perer. izd. Moskva, Gos.izd-vo selkhoz lit-ry, 1958. 532 p.

(Agricultural machinery) (MIRA 12:4)

CIA-RDP86-00513R000720820007-5 "APPROVED FOR RELEASE: 06/13/2000

KARPINKO, A.N.

AUTHOR:

Karpenko, A.N., Academician

25~58-4-5/41

TITLE:

Mechanization Becomes Complete (Mekhanizatsiya stanovitsya

kompleksnoy)

PERIODICAL:

Nauka i Zhizn', 1958, Nr 4, pp 12-16 (USSR)

ABSTRACT:

The following new agricultural machines are now being designed or already in use in the Soviet Union: improved "MTZ-2" wheel tractors; diesel tractors; small-track plowing tractors; the "DT-100" and "DT-140" chain-tread tractors with trailers; special tractor type "DT-55", for work on moors and turf peats; chain-tread tractors capable of working on 25° slopes without turns, by using two similar machines suspended on the front and rear; chassis-tractors, etc. equipped with hydraulic devices to carry agricultural implements. The speed of the new tractors will be over 10 km/hour. Plowing is now being carried out by one-man operated machines with hydraulic devices, reverse-plows for smooth tilling, and three-stage plows for tilling in layers. Seeders, which simultaneously sow and fertilize, as well as special corn sowing machines, are being utilized. VIM and VISKhOM have designed improved selfpropelled machines and trailers for hay baling and stacking,

Card 1/2

as well as a bale collector with a capacity of 3-4 tons. In-

Machanization Becomes Complete

25-58-4-5/41

formation includes various types of combine such as the "SK-2.6" combine for sile harvesting; the "SK-3" self-propelled combine equipped with a thresher, reaper binder, hydraulic lifting and dropping devices, and a speed regulator; a series of uni-flow trailer-combines for harvesting grain crops on small fields; combines for the pressing and cutting of straw; a special corn harvester; combines for the cleaning of sugar beets and the removal of the leaves; and the "SKP-2" double-row combine. There are 5 figures.

ASSOCIATION: VASKHNIL

AVAILABLE: Library of Congress

Card 2/2 1. Agriculture-Machines-Design

PRIME I DOM EXPLORATION SOVANS Fred I technica e sealates Debug main Engineering in the [deries] managery bibliodes subscheep) 10,000 copies printed. Compiler, il. a. Largery Lil. A. V. Asilabor; Twich Ed.; A. A. Collamanous. Francis. This book is inheaded for the general resist. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prenches of the books concey and in states. Print in Prin	The book is intended for the general reader, The book is a collection of 19 articles dealing a achievements and progress of the Seven-fear branches of the Soviet economy and in science. In 15 farmatics, electrication, transportation, string, steel production, preduction of consumer scientistics, electrication, transportation, the far further progress are and chemistry, the amentomed. There are no references. 12 for action of agriculture, and chemistry, the amentomed. There are no references. 13 for further progress are and chemistry, the farmatic material metallorshabathin stankey ental Stientific metallorshabathin transportation. 14 for support of technical Sciences, 15 for actoality metallorshabathin transportation to Machine Tools 16 formatics 17 for actoality for technical Sciences, 18 formatics 18 formatics 19 formatics 19 formatics 10 formatics 10 formatics 11 formatics 12 formatics 12 formatics 13 formatics 14 formatics 15 formatics 16 formatics 17 formatics 18 formatics 19 formatics 19 formatics 10 formatics 10 formatics 11 formatics 12 formatics 13 formatics 14 formatics 15 formatics 16 formatics 17 formatics 18 formatics 19 formatics 19 formatics 10 formatics 10 formatics 11 formatics 12 formatics 12 formatics 13 formatics 14 formatics 15 formatics 16 formatics 17 formatics 18 formatics 19 formatics 19 formatics 10 formatics 10 formatics 10 formatics 10 formatics 11 formatics 12 formatics 12 formatics 13 formatics 14 formatics 15 formatics 16 formatics 17 formatics 18 formatics 19 formatics 19 formatics 10 formatic	RALF
PHASE I DON EFFICITATION 20VA158 Tred I valuable r semilate (labor and Engineering in the (Garieria Rainovaya Biblioteka rabochego) 10,000 copies printed. A. A. Gollesmanne. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is intended for the general reader. FORDORI This book is a collection of 1) articles dealing this intended for the general reader. FORDORI This book is a collection of the general reader. FORDORI This book is a collection of the selection of the selection of the general reader. FORDORI This book is a collection of the selection of the sel	The book is accilection of 19 articles dealing achievements and progress of the Seven-fear branches of the Soviet economy and in science. In the seven fear branches of the Soviet economy and in science. In the seven fear branches of the Soviet economy and in science. In the seven fear branches of the Soviet economy and in science. In the seven fear for further progress are male. No persons are santiation of agriculture, and chemistry. In action of science fear fear for further progress are male. No persons are santiated for further progress are male. No persons are santiated for fear foots of the sale of the serior of the sale of the	ZARF
PRINCE I DOOR EXPLORATION DOWANDS Fruil I technike v sentlative (Labor and Engineering in the Seventral Plan) shores, Frificate, 1900, 355 p. 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10 (1907) 10	The book is intended for the General reader. The book is a collection of 13 articles dealing achievements and progress of the Seven-fear branches of the Seven tear of the Automatic Machine Tools of Machine Tools for Automatic of Machine Tools, and Factories [M. [Carresponding Hember, Analemy of Sciences] Program attacks of Technical Sciences] Program of the USIR [In [Depty Director, Mascow Branch of the Seven-Year Plan and the cation of the USIR [In [Depty Director, Mascow Branch of the Seven-Year Plan and the cation of the USIR [In [Depty Director, Mascow Branch of the Seven-Year Plan and the cation of the USIR [In [Depty Director, Mascow Branch of the Constance of Technical Sciences] Welding Alarks Goods Branch of Fuel 18 [Depty Director, Seven-Year Plan and the cation of the USIR [In [Depty Director, Alaremical Sciences] Welding Or The Constance of Technical Sciences] Welding Or The Constance of Technical Sciences] Welding Or The Constance of Technical Sciences USIR] What Depty Sciences USIR Depty Sciences USIR Depty Sciences USIR Depty Sciences USIR Depty Scien	AR F
PHASE I DON EXPLORATION DOWANDS Fruil I technike v sentletke (Labor and Engineering in the Sewenferring) and the Sewenferring in the Sewenferring	The book is intended for the general reader. The book is a collection of 13 articles dealing analyse arthresents and progres of the Seven-fear branches of the Seven-fear branches, "physical construction, machine fear further power plant construction, machines are and censisty. Inh. A. Te. [Deputy Director, Emperimentaliny saled-wikelsky institut metallorshabhthich stanks for further progress are made. No person-features, and censisty. Inh. A. Te. [Deputy Director, Emperimentaliny saled-wikelsky institut metallorshabhthich stanks for further progress are made. No person-features, and censisty. Inh. A. Te. [Deputy Director, Emperimental stanks for Automatic called by a feature foots of Technical Sciences] Frogram act made foots for Features. [27. Full [Deputy Director, Analemy of Sciences] Frogram of Machine foots. [28. Yie, [Candidate of Technical Sciences] Fromia-for in the Mear Puture. [29. Yie, [Deputy Director, Mescow Branch of the strong of the USCR for Sciences] Franks the fall of the USCR for Sciences of Technical Sciences with the allowed by propried for Mineral Sciences for Full for the Balding-Materials Endutry] The Consider Comprehensive Utilization of Fuel for Sciences with the fall of the USCR for Mineral Sciences with the fall of the USCR for Mineral Sciences with the fall of the USCR for Mineral Sciences with the fall of the USCR for Mineral Sciences with the fall of the USCR for Mineral Sciences with the fall of the USCR for Mineral Sciences, Deputy fall of the USCR for Mineral Sciences, Deputy for the Consistency for the Sciences of Technical Sciences, Deputy for the USCR for Mineral Sciences of Sciences for Mineral Sciences for the USCR for Mineral Sciences for the USCR for Mineral Sciences for Mineral Sciences for the Sciences for	3 F
PRISE I BOOK EXPLOITATION 20VA198 Frei I tachning v semilator (labor and Enjamering in the Saven-Year Plan) Namesow, Profiniate, 1950. 295 p. (Series: Ansorays bibliofeca rabodness) 10,000 copes planes. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Company: This book is intended for the general reader. Principle of the faither power plant construction, suching the faither power plant in the faither propueption in the faither progress of the down river of the faither fa	The book is intended for the General reader. The book is a collection of 17 articles dealing althouces and progress of the Soven-fear branches of the Soven-fear branches of the Soven-fear branches of the Soven-fear progress of the Soven-fear presenting, in preduction, reamboristion, actions of the Soven-fear progress are and chemistry. Inchest further progress are and chemistry. Inchest Scientific Research Institute of Metal-Cutting on Lines, Shops, and Factories are no references. Inchest Shops, and Factories are no references. In [Carresponding Hember, Arademy of Sciences] Program of Matching Tools of Technical Sciences] Program of Matching Tools and Factories M. [Carresponding Hember, Arademy of Sciences or the Mear Puture or the Seven-Year Plan and the cation of the USSR The Seven-Year Plan and the cation of the USSR Meared Committee, frade Union in the Bailding-Mearedal Sciences Deputy Science Sciencial Committee, Council or the Carlottine and Technical Sciences, Deputy Science of Technical Sciences, Deputy Science of Technical Sciences, Deputy Sciences of Technical Sciences, Deputy Sciences of the USSR Meared Technical Committee, Council or the Control Sciences of the Meared Technical Committee, Council or the Control Sciences of the Meared Technical Committee, Council or the Control Sciences of the Sc	•
PHASE I BOOK EXPLOITATION DOWNLYSS Fruil I tachnize v scallette (Labor and Engineering in the Seven-Year Plan) Mostow, Forditath, 1900, 295 p. (Series: Massoways biblioteca rabochego) 10,000 copes printed. Compiler: 3. d. Exploy: El.: A. V. Anishov; Tech. Ed.: A. A. Collabadowa. Compiler: 3. d. Exploy: El.: A. V. Anishov; Tech. Ed.: A. A. Collabadowa. Francis: This book is a collection of 13 articles dealing with the achievements and progress of the Deven-Year and the Series. Plan in Francis: A. V. Anishov; Tech. Ed.: A. V. Anishov; Tech. Ed.: A. A. Collabadowa. Francis: The book is a collection of 13 articles dealing with the achievements and progress are made. No personal collection, the search of the Series of Metal-Cuttling and the Series of Metal-Cuttling and the Series of Metal-Cuttling and Series of Series of Series of Metal-Cuttling and S	The book is intended for the General reader. The book is a collection of 17 articles dealing allowed eventual progress of the Soven-Year branches of the Sovet economy and in science. In the first the dealing science of the Sovet economy and in science. In the first progress are and chemistry. Thermatics, electrification, transportation, archire titing, steel production, production of consumer machine for further progress are and chemistry. 12th, A. Te. [Deputy Director and chemistry. No production of consumer machine fools] from Actoratic Machine Tools to Automatic Machine Tools on Lines, Shops, and Factories 12 A. L. Te. [Doctor of Technical Sciences] frogram of Machine Tools of Technical Sciences, and chemistry fools, and Factories for the Live fools to Automatic Machine Tools of Machine Tools of Technical Sciences, and Machine Tools for the Using for the Live for the Live fools for the Live fools of the Live fools of the Live fools for the Using for the Using fools for the Using fools for the Using fools for the Using fools for the Using for the Liliation of Fuel [Corresponding Member, Academy of Sciences] well in the Bailding Member, Academy of Sciences of the Using for the Technical Sciences which what the cation of the Using for the Technical Sciences which what the cation of the Using for the Technical Sciences, Deputy Janes Scientific and Technical Sciences, Deputy Janes Scientific and Technical Sciences, Deputy Janes Scientific and Technical Sciences, Deputy Janes Scientific Research of the Using New Engineering for the Creators of the Using New Engineering for the Concill Contillation Laboratory. 25	EN
PHASE I BOOK EXPLOITATION 20V/\$358 Trail i wakning w smallets (Labor and Englaments, in the Seven-Year Plan) Montey Profilets, 1900 355 p. (Series Manovays biblioteka rabochego) 10,000 copies printed. A. A. Golianacowa. Terrough This book is a collection of 13 articles dealing with the achievement and progress of the deventure of the deventu	The book is intended for the General reader. The book is a collection of 17 articles dealing allowed the control of the Soventrary and interest of the Soventrary and in science. In fairness of the Soviet economy and in science. In far further progress are and. Mo personsiting, steel production, preduction, transportation, it also portation, and chemistry. In for further progress are and chemistry. In a are anniholded. There are no references. In the production of exclusive, and chemistry. In a read production of the callors habituhe stanker from the first production of consumer state. In the product of the control to Automatic Machine Tools to Automatic Machine Tools of Machine Tools of Technical Sciences, program of Machine Tools of Technical Sciences, in the Mastry Discover of Technical Sciences, product of Technical Sciences, product of Technical Sciences, product of Technical Sciences, product of the USIN The Seventy Franch Seventy F	
PHASE I BOOK EXPLOITATION SOVAISS Fruil I tekinika v semilativ (Labor and Engineering in the Seven-Year Plan) Miscow, Profitakt, 1360, 305 p. (Series Plan) Miscow, Profitakt, 1360, 305 p. Profitakt, 1360 post in a callection of 19 articles dealing with the achievement and progress of the deven-Year Plan in branches of the post plant condruction, and achieve plant condruction, and achieve plant condruction, achieved profitakt, pro	The book is intended for the General reader. The book is a collection of 17 articles dealing all anthrees of the Soven-Year branches of the Soven-Year branches, 17 branches, each tild conntruction, randopristion, acting a treation of agriculture, and chemistry. Ith A. Ye. [Deputy Director particulture, and chemistry. Ith A. Ye. [Deputy Institut metalloreshashmin stankey estal Sciences] From Automatic Machine Tools of Received Front Automatic Machine Tools to Automatic Machine Tools, and Factories Ithes, Shops, and Factories Ithes, Shops, and Factories Ithes, Shops, and Factories Ithes, Shops, and Factories Ithes, Carresponding Member, Academy of Sciences, 10 Cybernetics Ithe [Candidate of Technical Sciences] Frogram of Machine Tools Ithes, Carresponding Member, Academy of Sciences D. Ye. [Carresponding Member, Me	. i.
PHASE I BON EXPLOITATION SOVA358 tear Plan) Moscow Exposizat, 1900. 305 p. "Missoways biblioteka rabochego) 10,000 copies "The book is intended for the general reader. The book is intended for the general reader. The book is intended for the general reader. The book is intended for the general reader. This given to power plant construction, nathra- ting, steel production, production of consumer mathring attends of Exploitation, franhorative, intended There are no references. 11th, A. Ye. [Deputy Director, Exeperimentaliny alleidivite; Fools of Machine Tools If you Automatic Machine Tools to Automatic of Machine Tools) [Cybernetics 12 A. Ye. [Corresponding Member, Anademy of Sciences 13 [Cybernetics 14 [Candidate of Technical Sciences] Frogram 25 [Cybernetics] The Seven-Year Plan and the cation of the USDE 15 [Corresponding Member, Academy of Sciences 16 [Corresponding Member, Academy of Sciences 17 [Corresponding Member, Academy of Sciences 18 [Corresponding Member, Academy of Sciences 19 [Corresponding Member, Academy of Sciences 19 [Corresponding Member, Academy of Sciences 10 [Corresponding Member, Academy of Sciences 11 [Corresponding Member, Academy of Sciences 12 [Corresponding Member, Academy of Sciences 13 [Corresponding Member, Academy of Sciences 14 [Candidate of Technical Sciences] Founda- 15 [Corresponding Member, Academy of Sciences 16 [Corresponding Member, Academy of Sciences] 17 [Corresponding Member, Academy of Sciences] 18 [Corresponding Member, Academy of Sciences] 19 [Corresponding Member, Academy of Sciences] 20 [Corresponding Member, Academy of Sciences] 21 [Corresponding Member, Academy of Sciences] 22 [Corresponding Member, Academy of Sciences] 23 [Corresponding Member, Academy of Sciences] 24 [Corresponding Member, Academy of Sciences] 25 [Corresponding Member, Academy of Sciences] 26 [Corresponding Member, Academy of Sciences] 22 [Corresponding	The book is intended for the General reader. The book is a collection of 17 articles dealing analyse enteres to the Sovet economy and in science. It is sold to economy and in science. It is sold to economy and in science. It is a steel production preduction, transportation, string, steel production, preduction of science. It is a steel production, preduction of consumer materials and chantity. Lin, A. Te. [Deputy Director . Exeperimentality and all string for search Institute of Petal-Cutting or Call Sciences] Frogram attorastic Maschine Tools to Automatic Markine Tools to Automatic Markine Tools for Machine Tools of Technical Sciences] Frogram of Machine Tools of Technical Sciences frogram of Machine Tools of Technical Sciences frogram of Machine Tools for Machine Tools of Technical Sciences frogram of Machine Tools of Technical Sciences from the Mar future M. [Carresponding Member, Analemy of Sciences of Machine Income Mar future of Technical Sciences] Foundative of Technical Sciences from the Mar future of Technical Sciences from the Marking Member, Academy of Sciences of Machine Income Marking Member, Academy of Sciences of Tools of the USIR of Copynhansive Utilitation of Fuel 18 and the Eation of the USIR of Copynhansive Utilitation of Fuel 20 and A. A. [Candidate of Technical Sciences] Welding Marking Foundation Frogram in the Sciences of Technical Sciences with the Corresponding Member, Member, Todon Welding Welding Member, Member and the Sciences of Technical Sciences with the Corresponding Member and Sciences with the Co	
PHASE I BON EXPLOITATION SOVA358 thinks we sealletke (Labor and Engineering in the ear Plan) Miscow, Froirialst, 1900. 305 p. The book is antended for the general reder. This book is intended for the general reder. The book is intended for the general reder. The book is intended for the general reder. This intended is the second production, redering the second in sciences. This intended for the general reder. This intended for the general reder. This intended for the general reder. This intended for the list for the second frances of the second frances. This intended for the second france of the general reder. This intended for the second france of the cation of the USIN This intended for the second france of the cation of the USIN This intended for the second france of the life cation of the USIN This intended for the second france of the life cation of the USIN This intended for the second france of the life cation of the USIN This intended for the second france of the life cation of the USIN This intended for the second france of the life cation of the USIN This intended for the life france of the life cation of the life cation of the life cation of the USIN This intended for the life france of the life cation of the life cation of the USIN the life cation of the life cation of the USIN the life cation of the life cation o	The book is intended for the General reader. The book is a collection of 17 articles dealing a shintweeness and progress of the Geven-fear branches of the Soviet economy and in science. In a string, steel production to the construction, included the string, steel production, production of science. In a string, a steel production, production of consumer machines are and chemistry. Lina for further progress are and chemistry. Lina for further progress are and chemistry. Lina for further progress are and consisted an are anticomed. There are no references. No person- saledy-Vale Supply Director Elephesizentiliny stankov entail Scientific Research Institute of Metal-Cutting on Lines, Shops, and Factories Lina Lines, Shops, and Factories Lina Lines, Shops, and Factories Lines, The Doctor of Technical Sciences, and Header the Cartesian in the Mear Puture D. Yu. [Doctor of Technical Sciences] Frogram of Metalion in the Mear Puture D. Yu. [Candidate of Chemistry] Chemistry Today Lines, [Deputy Director, Moscow Branch of the Candidate of Technical Sciences] Foundard Meation of the USIR M. [Candidate of Technical Sciences] Foundard Candidate of Chemistry (Academy of Sciences) A. L. [Candidate of Chemistry] Chemistry Today Lina (Candidate of Technical Sciences) A. L. [Candidate of Technical Sciences] Foundard Candidate of Chemistry (Academy of Sciences) A. L. [Candidate of Chemistry] Chemistry (Academy of Sciences) M. J. [Candidate of Technical Sciences] Foundard Candidate of Chemistry (Academy of Sciences) A. L. [Candidate of Technical Sciences] Foundard Candidate of Chemistry (Academy of Sciences) M. J. [Candidate of Technical Sciences] Foundard Candidate (Academy of Sciences) M. J. [Candidate of Technical Sciences] Foundard (Academy of Sciences)	40 8 dl
PHASE I BOOK EXPLOITATION SOVA358 thinks we seatletive (Labor and Engineering in the ear Plan) Moscow, Froitzlat, 1900. 305 p. 1. Hamovays biblioteka rabochego) 10,000 copies 1. Hamovays biblioteka rabochego) 10,000 copies 2. The book is intended for the general reader. This book is intended for the general reader than the solvent sonony and in science (no. 1s filters of the bovet sonony and in science (no. 1s filters, electricity, production, production, transportation, attend production, production, transportation, are mantioned. There are no references. 11 thin, A. Te. [Depity Director, Emperimentally analyse and the minity of the filters and the filters are no references. 12 th, A. Te. [Depity Director, Emperimentally attended the station of sections of the filters fools for Machine Tools of Machine Tools of Machine Tools (The Carresponding Member, Analemy of Sciences 12 Cybernetics 12 the [Candidate of Technical Sciences] Frogram of the filters of the first fools to altonatic section in the Mear Puture 2. [Candidate of Technical Sciences] Frogram of the filters	The book is intended for the General reader. The book is a collection of 17 articles dealing a shintweeners and progress of the Saven-Fear branches of the Savet economy and in science. In the first progress of the Savet economy and in science. In the first progress are and chemistry. The first progress are and chemistry. 12th, A. Te. [Deputy Director, Eksperimentaliny sankby ential Stientific Research Institute of Metal-Cutting of Littles, Shope, and Factories of Automatic Machine Tools of Automatic Machine Tools to Automatic of Machine Tools of Machine Tools. 27 A. Te. [Dottor of Technical Sciences] Frogram of Machine Tools. 28 [Carresponding Member, Analemy of Sciences of Machine Tools of Technical Sciences] Frogram of Machine Tools of Technical Sciences. 29 Yu. [Carresponding Member, Analemy of Sciences of Machine Tools of Technical Sciences of Technical Sciences of Machine Tools of Technical Sciences of Technical Scie	
PHASE I BOOK EXPLOITATION SOV/\$358 thinliks we seatletive (Labor and Engineering in the ear Plan) Musicow, Errofiziat, 1900. 305 p Missoways biblioteka rabochego) 10,000 copies The book is intended for the general reader. This book is intended for the general reader. The book is an eablection of .13 articles dealing antheres of the Soven conney and in science in its given to power plant construction, methics itsing, steel production, production of consumer mathemization of agriculture, and chemistry. Items for further progress are made hemistry. Items for further progress are made. No personsare in the station of consumer mathemistry institut metallorehushchich stankoverbial Sciences. Items, Are. [Deputy Director, Eksperimentaliny contines of Michiga Reader in Institute of Metal-Cutting of Michiga Prom Automatic Machine Tools to Automatic Conditions for Michiga Reader of Technical Sciences frogram of Michiga Double of Technical Sciences program of Michiga Reader of Technical Sciences in Candidate of Chemistry Chemistry Today of Candidate of Technical Sciences Pounla- Ex. [Candidate of Technical Sciences] Frogram of Michiga Reader of Chemistry Today in Candidate of Technical Sciences]	The book is intended for the general reader. The book is a collection of 17 articles dealing a shinches of the Soven-fear branches of the Soven-fear branches of the Soven-fear branches of the Sovet economy and in science. In 18 siven to power plant construction, accline string, steel production, production, transportation, transportation, string, and chemistry. In 18 siven progress are and chemistry. In 2 sin further progress are and chemistry. In 3 are santioned. There are no references. No personsal of the string string progress are and chemistry. In 3 sientife Research Institute of Metal-Cutting frocis; From Attoratic Machine Tools to Automatic Canachine Tools to Automatic Canachine Tools to Automatic Canachine Tools to Automatic Canachine Tools to Sciences, and Factories Sciences, and Carresponding Member, Analesy of Sciences companies for the Mear Puture Candidate of Chemistry Chemistry Today and Candidate of Technical Sciences; Foundational Candidate of Technica	n 40
PHASE I BOOK EXPLOITATION SOVA358 tear Plan) Moscow, Froilidat, 1900. 305 p. to provide the provided that the provided to the deven-fear that the provided t	The book is intended for the General reader. The book is a collection of 17 articles dealing a machine of the Soven-fear tranches of Agriculture, and chemistry. Lin, A. Ye. Deputy Director, Experimentaliny already at each of the Soven-fear Scientific Research Institute of Metal-Cutting fools] From Automatic Machine Tools to Automatic on Lines, Glopps, and Factories 127. L. Ye. [Doctor of Technical Sciences, Program of Machine Tools of Technical Sciences, Institute Sciences, Contrasponding Member, Analemy of Sciences 2. M. [Carresponding Member, Analemy of Sciences of Trail [Carresponding Member,	
PHASE I BON EXPLOITATION SOV/4358 PHASE I BON EXPLOITATION (1900) PHASE I BON EXPLOYER (1900) PHASE I BON BANCARD (1900) PHASE I BON AND AND PROPER AND PASSON PHASE I BON BANCARD (1900) PHASE I BON BANCARD (1900) PHASE I BON AND AND PROPER (1900) PHASE I BON AND AND PROPER (1900) PHASE I BOND AND AND PROPER (1900) PHASE I BOND AND AND PROPER (1900) PHASE I BOND AND PHASE PUTURE (1900) PHASE I BOND	The book is intended for the general reader. The book is a collection of 17 articles dealing analysements and progress of the Geven-fear branches of the Soviet economy and in science. In the fact the Soviet economy and in science. In the fact the soviet economy and in science. It is a seen that construction, presuperistion, strain production, presuperistion, strain for fact the progress are and chemistry. It is a few fact that are no references. We personated for fact are no references. The fact of the sale of the s	ė.
PHASE I BON EXPLOITATION SOV/\$358 tear Plan Musicow, Frofiziat, 1900. 305 p. "Musicow, Frofiziat, 1900. 305 p. "Musicow, Frofiziat, 1900. 305 p. "Musicow, Frofiziat, 1900. 305 p. "The book is intended for the general reder. The book is an collection of .19 articles dealing anchere of the Soviet sconomy and in science. I branches of the Soviet sconomy and in science. In the general reder. "The book is a collection of .19 articles dealing reachere and power plant sconomy and in science. In the general reder. "The book is an eablection of .19 articles, calculate and in science. I have not been fear the general redering the general redering the general redering the general for the general redering the general for sciences." "In a for further progress are made. We personare as an included the general function of general function of general function and sciences." "In a for further progress are made. We personate and sciences for a sciences." "In a for further progress are made. We personate and sciences for machine fools." "In a for further progress are made." "In a for further progress are made. "In a for further progress are made." "In a for further progress are made. "In a for further progress are made." "In a for further progress are made. "In a for further progress are made." "In a for further progress are made. "In a for further progress are made." "In a for further progress are made. "In a for further progress are made." "In a for further progress are made. "In a for further progress are made." "In a for further progress are made. "In a for further progress are	The book is intended for the General reader. The book is a collection of 17 articles dealing a shintweeners and progress of the Geven-fear branches of the Soviet economy and in science. The first power plant construction, archiresting, steel production, presuction of consumer maintainties, electrification, frameportation, itself production, production of consumer maintainties, and chemistry. Ich for further progress are and chemistry, are manutomed. There are no references. Ich, A. Ye. [Deputy Director, Eksperimentaliny saledovice] sky institut metallorshushnikh stankovental Scientic Maschire Tools to Automatic Machine Tools to Automatic Machine Tools to Automatic Conferences. In Lies, Ghopp, and Factories Ly La Fe. [Doctor of Technical Sciences] Frogram of Machine Tools.	97
PHASE I BOOK EXPLOITATION SOV/4358 tear Plan) Muscow, Frofitat, 1300, 305 p. History Biblioteka rabothego 10,000 copies This book is intended for the general reader. This book is intended for the general reader. The book is intended for the general reader from the given rear the protection of 19 articles dealing reachievement and progress of the Soviet economy and in science on is given to power plant construction, irransportation, and intended, Tybermetics, electrification, production of consumer than the for further progress are made. No personsith, are sentioned. There are no references. Lare sentioned. There are no references. Lare sentioned. There are no references. Lare sentioned are the sention of Metal-Cutting fools in According Machine Tools to Automatic on Lines, Shops, and Factories	The book is intended for the general reader. The book is a collection of 17 articles dealing as an interest of the Geven-Year articles of the Geven-Year transches of the Geven-Year transches of the Geven-Year transches of the Geven of the Geven-Year transches of the Geven of the Geven-Year transches of the Geven of	2015
PHASE I BOOK EXPLOITATION SOV/\$358 Trui I tekhnika v semilekke (labor and Emilmeering in the Seven-Year Plan) Moscow, Profitalst, 1300. 355 p. (Series: Missowys biblioteka rabotings) 10,000 copies printed: Compiler: 3. G. Krylov: Ed.: A. V. Andsimov: Tech. Ed.: A. A. Collinaniona. FUNDOZE: This book is intended for the Several reader. FUNDOZE: This book is a collection of 13 articles dealing with the antivecents and progress of the Sever-Year Plan in branches of the Soviet economy and in science. Attention is given to power plant construction, machine bilding, 17 bernetics, electrification, fransportation, production, production of consumer second constitute, seed in progress are made . No personalities are mentioned. There are no references.	POZZ: This book is intended for the general reader. ZRAGE: The book is a collection of 17 articles dealing with the achievements and progress of the Jeven-Year plan in branches of the Joven yeard in science. Attention is given to power plant construction, machine building, Thermetics, electrification, transportation, prospecting, steel projuction, projuction of consumer goods, machanisation of agriculture, and chemistry. Suggestions for further progress are made. No personalities are mantioned. There are no references.	
PHASE I BOOK EXPLOITATION SO thanks w semiletes (Labor and Englaneer) lear Plan) Mascow, Profit dat, 1960, Masoways biblioteka rabotheso) lo. 3. 0. Krylov; Ed.: A. V. Anislmov; bolichankova. This book is intended for the general	This book is intended for	
PHASE I BOOK EXPLOITATION SO lear Flan Museum, Frontstat, 1360, Museum, Brotzetat, 1360, Museum, Brotzetat 1360, Museum, Biblioteka Fabochego 10, 3, 0, Krylow; Ed.: A. V. Andelmow;		
PHA PLACE A BEN PHYBOART	S. G. Krylov; El.; A. V. Anlelmov; Follehenkova.	9
N EXPLOTATION	ika v sem ir flan) Massovay	
	OK EXPLOITATION	

KARPENKO, Aleksandr Nikolayevich, akademik; POLEVITSKIY, Konstantin Aleksandrovich, prof.; LETNKV, B.Ya., red.; PROKOF'YEVA, L.N., tekhn.red.

[Agricultural machinery and tools] Sel'skokhozisistvennye mashiny i orudiia. Izd.4., perer. i dop. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 469 p. (MIRA 14:1)

1. Vsesoyuznaya akademiya seliskokhozyaystvennykh nauk imeni V.I. Lenina (for Karpenko).

(Agricultural machinery)

KARPENKO, A.N., akademik

Basic problems of the mechanization of the placement of fertilizers. Izv. TSKHA no.1:163-171 64. (MIRA 17:4)

l. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni Lenina: kafedra mekhanizatsii sel'skokhozyaystvennogo proizvodstva "loskovskoy ordena Lenina sel'skokhozyaystvennoy akademii imeni Timiryazeva.

KARPENKO, Aleksandr Nikolayevich, akademik, doktor tekhn. nauk, prof.; ZELENEV, Aleksandr Alekseyevich, kand. tekhn. nauk, dots.; SOLODENIKOVA, G.A., red.

[Agricultural machinery] Sel'skokhoziaistvennye mashiny. Moskva, Kolos, 1965. 398 p. (MIRA 18:6)

1. Vsesoyuznaya akademiya seliskokhozyaystvennykh nauk imeni V.I.Lenina(for Karpenko). 2. Moskovskaya seliskokhozyaystvennaya akademiya im. K.A.Timiryazeva (for Zelenev, Karpenko).

SHNYUKOV, Ye.F. [Shniukov, IE.F.]; NEROBA, A.Ya.; KARPENKO, A.O.

Pyrite and barite from carbonate ores of the Mariyevka Pit of the AOth Anniversary of the October Park Mine (Nikopol' deposit).

Mat.z min.Ukr. no.2:92-98 '61. (MIRA 15:8)

(Nikopol' region--Pyrites) (Nikopol' region--Barite)

KARPENKO, A.P., red.

[Outline of the course "Basic power sources for industry" for four-year Party schools] Programma kursa "Energeticheskaia baza promyshlennosti" dlia chetyrekhgodichnykh partiinykh shkol.
Moskva, 1956. 11 p. (MIRA 13:9)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola.

(Electric power--Study and teaching)

KARPENKO, Andrey Porfir'yevich, kandidat ekonomicheskikh nauk; ZAYTSEV, V.P., redaktor; FURMAN, G.V., tekhnicheskiy redaktor

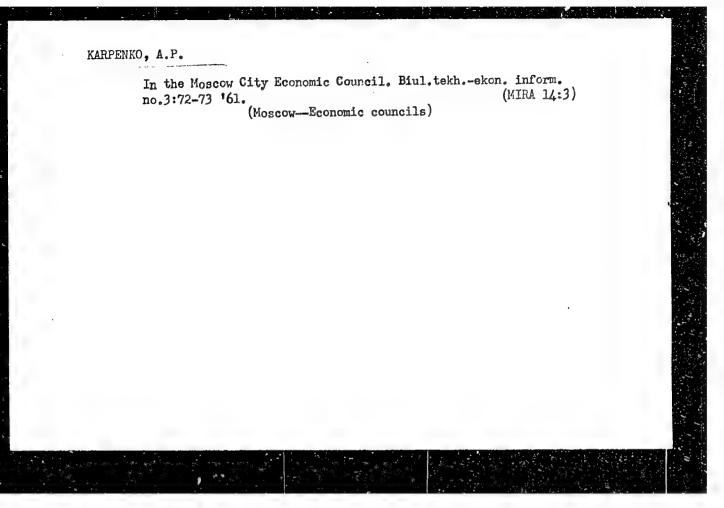
[Technologically sound norms and their role in increasing labor productivity] Tekhnicheski obosnovannye normy i ikh rol' v povyshenii proizvoditel'nosti truda. Moskva, Izd-vo "Znanie," 1956. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Ekonomika promyshlennosti. Vyp. 1, no.12) (Production standards) (MLRA 9:12)

RUMYANTSEY, A.F.; YEFIMOV, A.N.; TEPLOY, G.V.; LOKSHIN, E.Yu.; KARPENKO,
A.P.; GRIGOR'YEY, A.Ye.; FILIPPOV, V.F.; PERESLEGIN, V.I.. Prinimal uchastiye VOLODARSKIY, L.M.; TYAGAY, Ye., red.; POPOVA, T.,
tekhn.red.

[Economy of socialist industrial enterprises; textbook] Ekonomika sotsialisticheskikh promyshlennykh predpriiatii; uchebnik. Moskva, Gos.izd-vo polit.lit-ry, 1959. 591 p. (MIRA 13:3)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola. 2. Zamestitel nachal nika TSentral nogo statisticheskogo upravleniya SSSR (for Volodarskiy).

(Industrial management)



KARPENKO, Andrey Porfir yevich

[Plan of the economic development of the U.S.S.R. for 1959-1965; new stage in the building of communism]Plan razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody - novyi etap v stroitel'stve kommunizma. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 35 p. (MIRA 15:10)

(Russia—Economic policy)

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPLOV, G.V.; LOKSHIN, E.Yu.;

KARPENKO, A.P.; GRIGOR'YEV, A.Ye.; FILIPPOV, V.F.;

PERESLEGIN, V.I.; TYAGAY, Ye., red.; TROYANOVSKAYA, N.,

tekhn. red.

[Economics of industrial enterprises; textbook] Ekonomika promyshlonnykh predprijatii; uchobnik. 2., porer. i dop. izd.
Moskva, Gospolitizdat, 1962. 574 p. (MIRA 15:9)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola, (Industrial management)

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPLOV, G.V.; LOKSHIN, Ye.; KARPENKO,

A.P.; GRIGOR'YEV, A.; FILIPPOV, V.F.; PERESLEGIN, V.I.;
VOLODARSKIY, L.M.; RIIKOJA, L., red.; JUHANI, I., red.;
EINBERG, K., tekha. red.

[Economy of socialist industrial enterprises; textbook]Sotsialistlike toostusettevotete ekonoomika; opik. Tallinn, 1961.

435 p. (MIRA 16:1)

(Estonia--Industrial management)

RUMYANTSEV, A.F.; YEFIMOV, A.N.; TEPLOV, G.V.; LOKSHIN, E.Yu.;

KARPENKO, A.P.; GRIGOR'YEV, A.Ye.; FILIPPOV, V.F.;

PERESLEGIN, V.I.; TYAGAY, Ye., red.; TROYANOVSKAYA, N.,
tekhn. red.

[Economics of industrial enterprises] Ekonomika promyshlennykh predpriiatii; uchebnik. 3. izd., perer. Moskva, Gospolitizdat, 1963. 574 p. (MIRA 16:10)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola.

(Industrial management)

